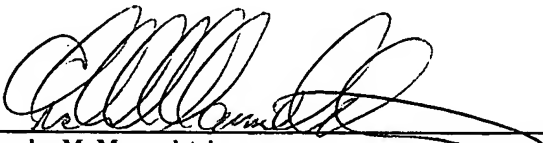


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|--|--|--|--|---|--|
| FORM PTO-1390<br>(REV 5-93)  |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTORNEY DOCKET NO.<br><br>103213-00105                           |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |  |  |  | DATE: January 25, 2005  |  |
|  |  |  |  | U.S. APPL. NO. (IF KNOWN, SEE 37 C.F.R. 1.53)<br><b>10/520278</b> |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/002315   |  | INTERNATIONAL FILING DATE<br>February 26, 2004             |  | PRIORITY DATE CLAIMED<br>February 27, 2003                        |  |
| TITLE OF INVENTION: LEADFRAME AND PHOTODETECTOR MODULE PROVIDED THEREWITH  |  |  |  |   |  |
| APPLICANT(S) FOR DO/EO/US: Masao TANAKA (Tottori, Japan) and Susumu MAETA (Tottori, Japan)   |  |  |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |  |   |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |  |  |   |  |
| 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.  |  |  |  |   |  |
| 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |  |  |  |   |  |
| 4. <input type="checkbox"/> The U.S. has been elected (Article 31).  |  |  |  |   |  |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]  |  |  |  |   |  |
| a. <input checked="" type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).  |  |  |  |   |  |
| b. <input type="checkbox"/> has been communicated by the International Bureau.   |  |  |  |   |  |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |  |  |   |  |
| 6. <input checked="" type="checkbox"/> An English language translation of the International Application into English [35 U.S.C. 371(c)(2)].  |  |  |  |   |  |
| a. <input checked="" type="checkbox"/> is attached hereto.   |  |  |  |   |  |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).   |  |  |  |   |  |
| 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]   |  |  |  |   |  |
| a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).  |  |  |  |   |  |
| b. <input type="checkbox"/> have been communicated by the International Bureau.  |  |  |  |   |  |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  |  |  |  |   |  |
| d. <input type="checkbox"/> have not been made and will not be made.   |  |  |  |   |  |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].  |  |  |  |   |  |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].  |  |  |  |   |  |
| 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].  |  |  |  |   |  |
| <b>Items 11 to 20 below concern other document(s) or information included:</b>   |  |  |  |   |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; and PTO-1449 Form.  |  |  |  |   |  |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.   |  |  |  |   |  |
| 13. <input checked="" type="checkbox"/> A preliminary amendment.   |  |  |  |   |  |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.  |  |  |  |   |  |
| 15. <input type="checkbox"/> A substitute specification.   |  |  |  |   |  |
| 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.   |  |  |  |   |  |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |  |  |  |   |  |
| 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).   |  |  |  |   |  |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |  |  |   |  |
| 20. <input checked="" type="checkbox"/> Other items or information: Drawings – Figs. 1-20 (16 sheets); Japanese Language Request Form (PCT/RO/101); International Publication No. WO 2004/077575A1; Notification of Recording of a Change (PCT/IB/306); International Search Report (PCT/ISA/210) with Japanese Language Written Opinion (PCT/ISA/237) |  |  |  |   |  |

|  |              |   |            |                                  |              |
|--|--------------|---|------------|----------------------------------|--------------|
| U.S. APPLN. NO. (IF KNOWN,<br>SEE 37 C.F.R. 1.58)<br><div style="font-size: 2em; font-weight: bold;">10/520278</div>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2004/002315                            |            | ATTORNEY DOCKET NO. 103213-00105 |              |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:  |              |   |            | CALCULATIONS                     | PTO USE ONLY |
| <input checked="" type="checkbox"/> Basic National Fee ..... \$300.00  |              |   |            | \$ 300.00                        |              |
| <input checked="" type="checkbox"/> Examination Fee ..... \$200.00   |              |   |            | \$ 200.00                        |              |
| <input checked="" type="checkbox"/> Search Fee ..... \$500.00  |              |   |            | \$ 500.00                        |              |
| TOTAL OF ABOVE CALCULATIONS \$1000.00  |              |   |            | \$ 1000.00                       |              |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |            |                                  |              |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | Rate       |                                  |              |
| - 100 =  | /50 =        |   | x \$250.00 | \$                               |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].   |              |   |            | \$                               |              |
| Claims   | Number Filed | Number Extra  | Rate       |                                  |              |
| Total Claims   | 9 - 20 =     | 0   | x \$ 50.00 | \$                               |              |
| Independent Claims   | 2 - 3 =      | 0   | x \$200.00 | \$                               |              |
| Multiple dependent claim(s) (if applicable)  |              |   | + \$360.00 | \$                               |              |
| TOTAL OF ABOVE CALCULATIONS =  |              |   |            | \$ 1,000                         |              |
| Reduction by one-half for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28).   |              |   |            | \$                               |              |
| SUBTOTAL =   |              |   |            | \$                               |              |
| Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)].   |              |   |            | \$                               |              |
| TOTAL NATIONAL FEE =   |              |   |            | \$                               |              |
| Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property   |              |   |            | \$ 40                            |              |
| TOTAL FEES ENCLOSED =  |              |   |            | \$ 1,040.00                      |              |
|  |              |   |            | Amount to be refunded            | \$           |
|  |              |   |            | Charged                          |              |
| a. <input checked="" type="checkbox"/> Check in the amount of \$ 1,040.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. 01-2300 in the amount of \$ _____ to cover the above fee.<br>A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2300. |              |   |            |                                  |              |
| NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  |              |   |            |                                  |              |
| SEND ALL CORRESPONDENCE TO:<br>Customer No. 004372<br>Arent Fox PLLC<br>1050 Connecticut Avenue, N.W.<br>Suite 400<br>Washington, D.C. 20036-5339<br>Tel: (202) 857-6000 Fax: (202) 638-4810   |              |   |            |                                  |              |
| <br>Charles M. Marmelstein<br>Reg. No. 25,895  |              |   |            |                                  |              |
| CMM:ksm  |              |   |            |                                  |              |